

NOTES:

1. LENGTH OF RESTRAINT SHOWN IS IN FEET. FITTING DIAMETERS ARE IN INCHES.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.
3. U1 AND U2 = UNINTERRUPTED STRAIGHT RUNS OF RESTRAINED JOINT PIPE IN EACH DIRECTION.
4. U_r = THE SMALLER OF U1 OR U2 (E.G., U1, IN THE ABOVE DIAGRAM)
5. L = MINIMUM RESTRAINED LENGTH ALONG THE BRANCH.
6. WHERE U_r IS LESS THAN 5', RESTRAIN TEE AS A 90° HORIZONTAL BEND.
7. INFORMATION IN THE TABLES ABOVE ARE BASED ON THE DESIGN INFORMATION SHOWN. THE ENGINEER SHALL PROVIDE AMENDED RESTRAINT LENGTHS IF SITE CONDITIONS DIFFER

POLYETHYLENE WRAPPED DUCTILE IRON PIPE

TEE \ U_r	10'	20'
4X4	4	*
6X4	*	*
6X6	27	*
8X4	*	*
8X6	9	*
8X8	52	*
10X4	*	*
10X6	*	*
10X8	35	*
10X10	72	16
12X4	*	*
12X6	*	*
12X8	20	*
12X10	58	*
12X12	94	38
16X6	*	*
16X8	*	*

TEE \ U_r	10'	20'
16X10	30	*
16X12	68	*
16X16	135	78
20X6	*	*
20X8	*	*
20X10	5	*
20X12	42	*
20X16	111	40
20X20	175	116
24X6	*	*
24X8	*	*
24X10	*	*
24X12	19	*
24X16	87	5
24X20	151	82
24X24	212	152

PE WRAPPED DIP:

SOIL TYPE: SM

TRENCH TYPE: 3

COVER: 3'

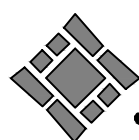
TEST PRESSURE=150 PSI

MINIMUM RESTRAINED LENGTH (L)

*RESTRAIN AT TEE ONLY.

TEE RESTRAINT (DUCTILE IRON PIPE)

STANDARD
CONSTRUCTION
DETAILS



CITY OF
savannah

WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.

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PLATE NUMBER:

W31